

## ABSTRACT OF THE DISCLOSURE

A method and network architecture for implementing an energy efficient network. The network includes a plurality of nodes that collect and transmit data that are ultimately 5 routed to a base station. The network nodes form a set of clusters with a single node acting as a cluster-head. The cluster-head advertises for nodes to join its cluster, schedules the collection of data within a cluster, and then transmits the data to the base station. A cluster can intelligently combine data from individual nodes. After a period of operation, the clusters are reformed with a different set of nodes acting as cluster-heads. The network 10 provides an increased system lifetime by balancing the energy use of individual nodes.

He was a man of great energy and a strong leader, but he was also a man of great pride and a strong-willed leader.